

FIG. 1

Database Index  
124

Object ID:	Location List	
<u>204</u>	<u>206</u>	202
<u>204</u>	<u>206</u>	202
...	...	

FIG. 2A

Word Entry 212

blue	002, 016, 021, ...	202
Object ID 204	Location List 206	

FIG. 2B

Meta Word Entries 214

ParBegin0	014, 023, 103, ...	202
ParBegin1	018, 098, 178, ...	202
Object ID 204	Location List 206	

FIG. 2C

Generic Meta Word Entry 216

ParBegin	1400, 1801, 2300, 9801, ...	202
Object ID 204	Location List 206	

FIG. 2D

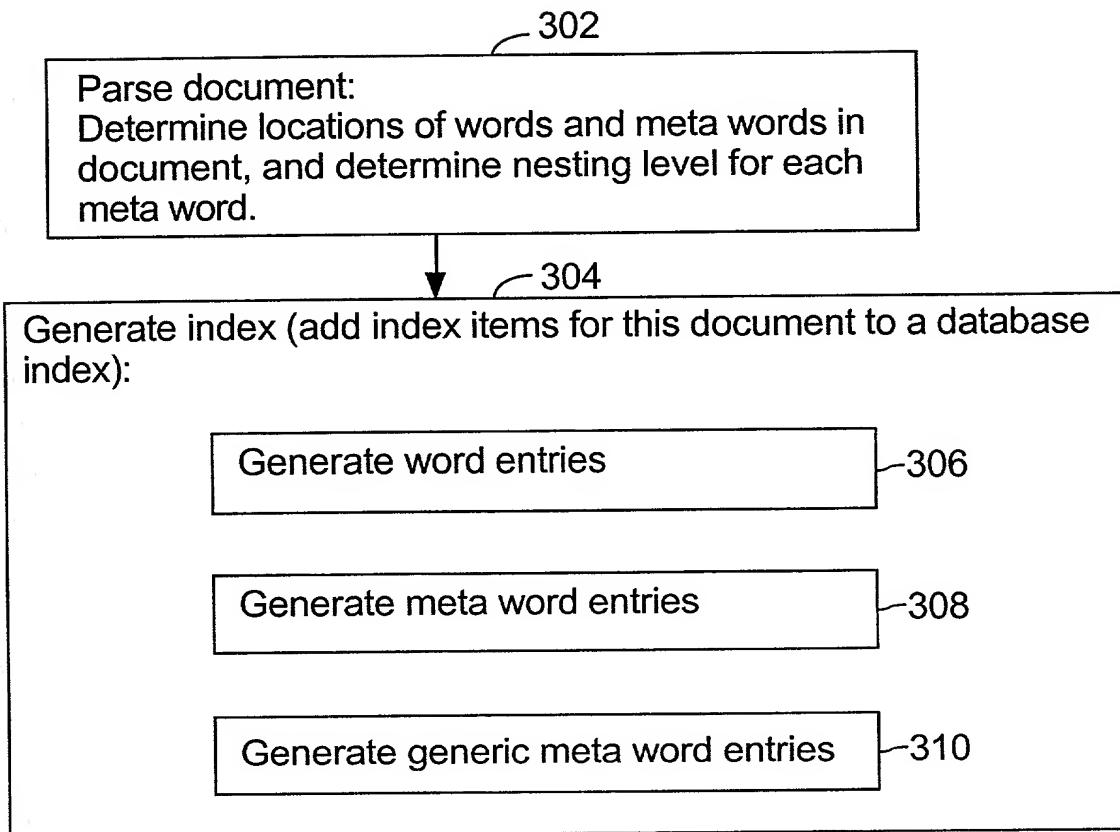


FIG. 3

4/9

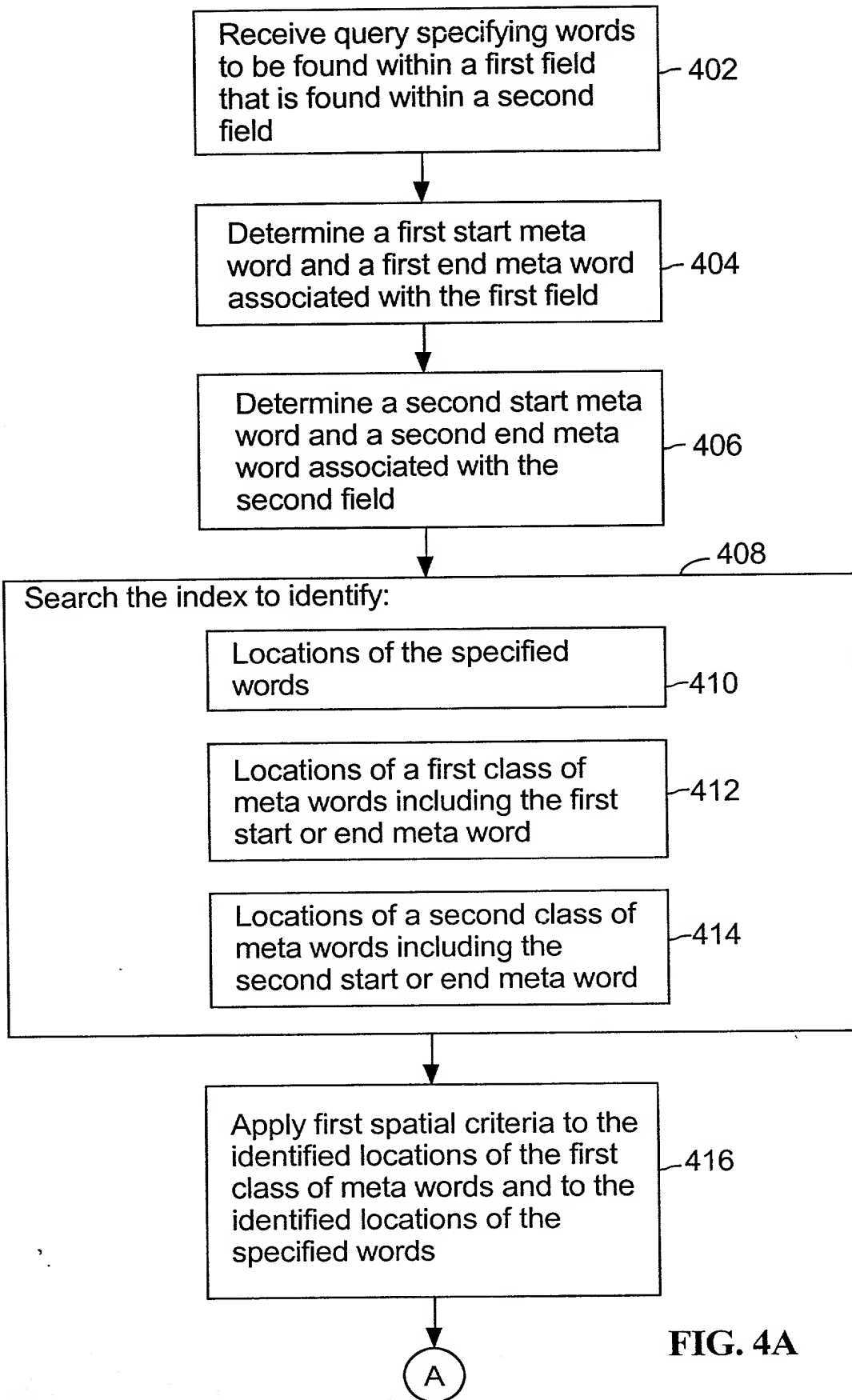


FIG. 4A

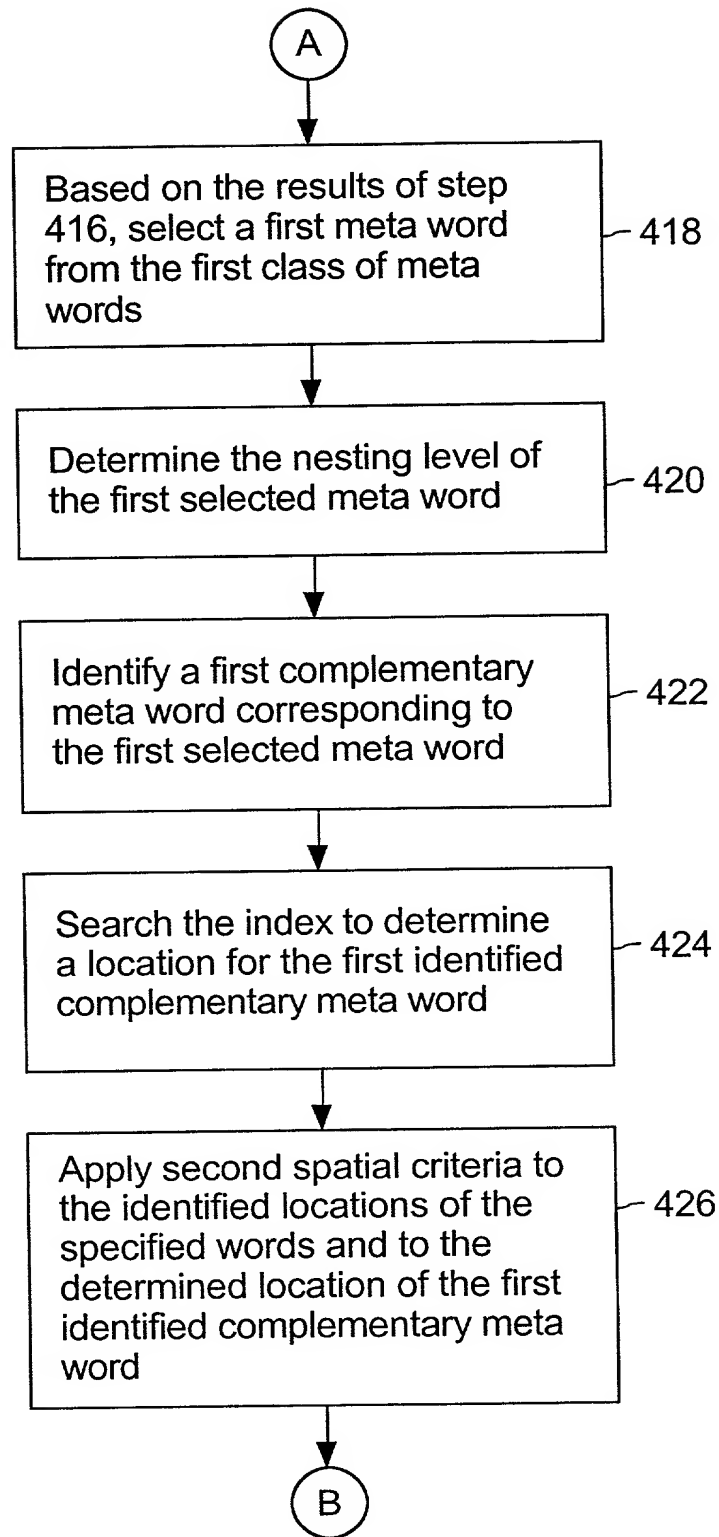


FIG. 4B

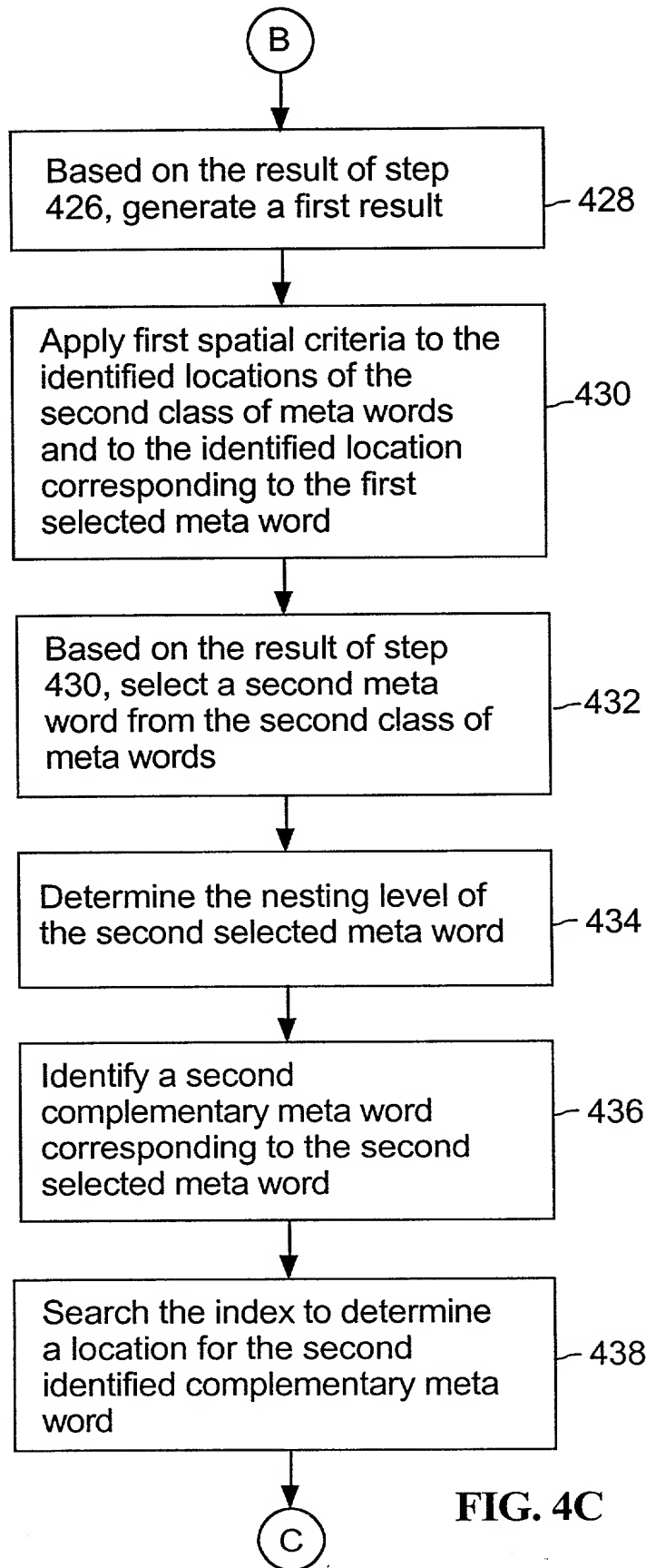
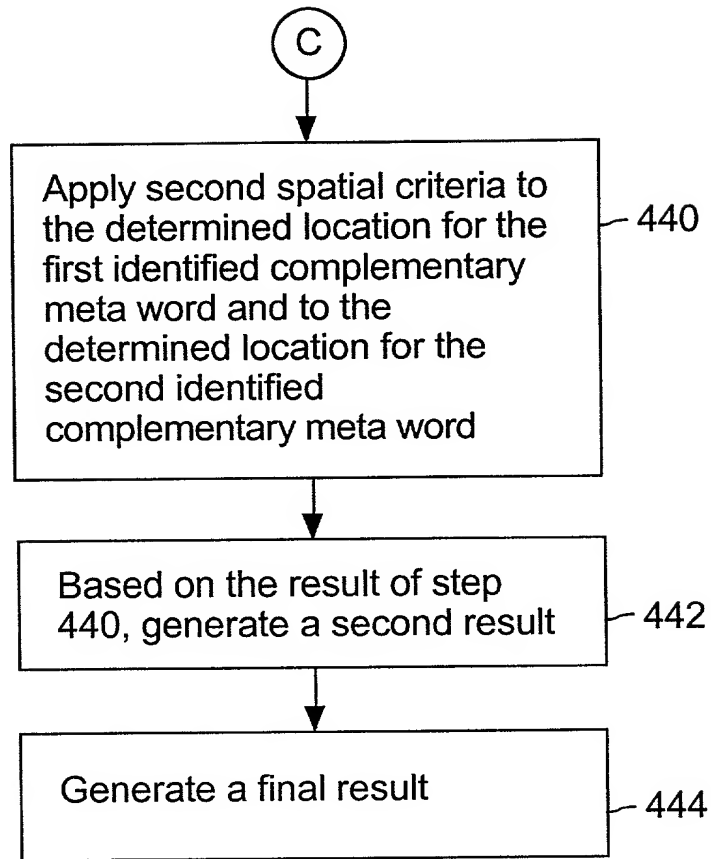


FIG. 4C

**FIG. 4D**

Applying first  
spatial criteria  
416

Determine the closest location,  
out of the identified locations  
for the first class of meta  
words, to the identified location  
of the specified words

502

Selecting a first  
meta word  
418

Select a first meta word from  
the first class of meta words  
corresponding to the  
determined closest location

504

**FIG. 5A**

Applying first  
spatial criteria  
430

Determine the closest location,  
out of the identified locations  
for the second class of meta  
words, to the determined  
closest location for the first  
class of meta words

506

Selecting a second  
meta word  
432

Select a second meta word  
from the second class of meta  
words corresponding to the  
determined closest location

508

**FIG. 5B**



Searching the index to determine a location for the first identified complementary meta word

424

Search the index to determine a closest complementary location of the first identified complementary meta word with respect to the identified location corresponding to the first selected meta word

602

**FIG. 6A**

Searching the index to determine a location for the second identified complementary meta word

438

Search the index to determine a closest complementary location of the second identified complementary word with respect to the identified location corresponding to the second selected meta word

604

**FIG. 6B**

Applying second spatial criteria

426

Determine whether the identified location of the specified words falls between:

- a) the determined location for the first identified complementary meta word, and
- b) the determined closest location of the first class of meta words

702

**FIG. 7A**

Applying second spatial criteria

440

Determine whether the determined location for the first identified complementary meta word falls between:

- a) the determined location for the second identified complementary meta word, and
- b) the identified location of the specified words

704

**FIG. 7B**